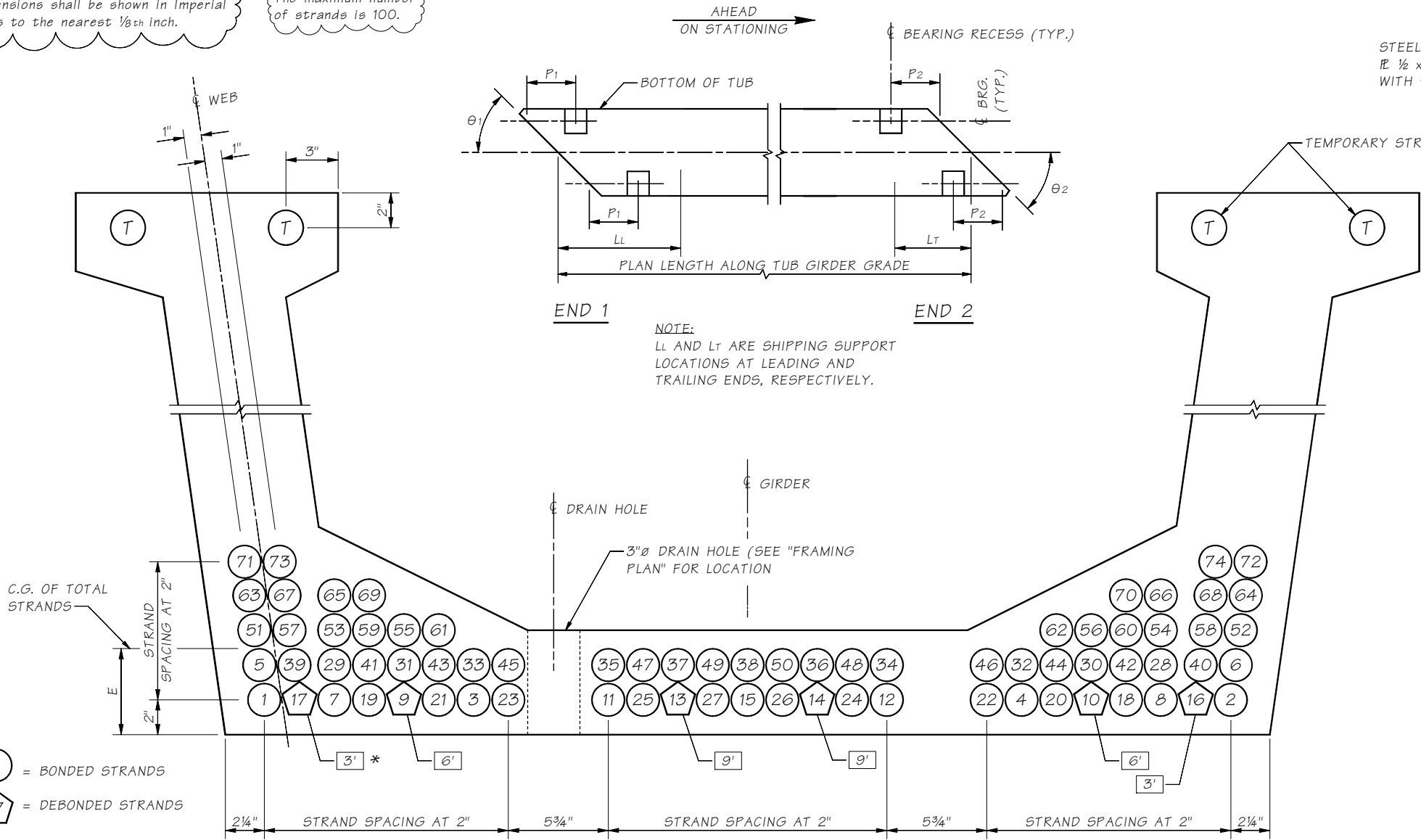


GIRDER SCHEDULE

DIMENSION "A" AT C BEARINGS = <div></div> BASED ON GIRDER DEFLECTION = "D" AT TIME OF SLAB PLACEMENT (120 DAYS)																						
SPAN	GIRDER	END 1 TYPE	END 2 TYPE	L	LL	LT	θ1	θ2	P1	P2	PLAN LENGTH (ALONG GIRDER GRADE)	MIN. CONC. COMP. STRENGTH		STRAIGHT		TEMPORARY		LOCATION OF C.G. STRANDS	C	D @ 40 DAYS	D @ 120 DAYS	Ld
												AT FINAL F'C (KSI)	AT RELEASE F'CI (KSI)	NO. OF STRANDS	JACKING FORCE (KIPS)	NO. OF STRANDS	JACKING FORCE (KIPS)					
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTE:  
Dimensions shall be shown in Imperial units to the nearest 1/8th inch.

The maximum number of strands is 100.



- 1 = BONDED STRANDS
- 17 = DEBONDED STRANDS

\* DISTANCE INDICATES LENGTH THAT EACH END OF STRAND IS TO BE SLEEVED TO PREVENT BOND. (TYP.)

Debonding to be determined by the designer

STRAND PATTERN

STRAND STRESSING SEQUENCE SHALL BE AS SHOWN (1), (2) ETC.

[1/2"Ø OR 0.6"Ø] STRAND CHUCK. TACK WELD TO ANCHOR E PRIOR TO INSTALLING ON STRAND. THREAD STRAND THROUGH ANCHOR E. ANCHOR STRAND WITH TWO PIECE WEDGES BEFORE GIRDER ERECTION. VERIFY WEDGES ARE SEATED TIGHTLY IMMEDIATELY BEFORE PLACING DIAPHRAGM CONCRETE.

EXTEND STRAIGHT STRANDS (1) THROUGH (n) AT END AHEAD ON STATION. EXTEND STRAIGHT STRANDS (n+1) THROUGH (2n) AT END BACK ON STATION

STEEL ANCHOR E 1/2 x 4 x 0'-4 WITH 3/4"Ø HOLE

ALTERNATE #1

2 3/4"Ø x 1 1/8" STEEL STRAND ANCHOR. ANCHOR STRAND WITH TWO PIECE WEDGES BEFORE GIRDER ERECTION. VERIFY WEDGES ARE SEATED TIGHTLY IMMEDIATELY BEFORE PLACING DIAPHRAGM CONCRETE.

EXTEND STRAIGHT STRANDS (1) THROUGH (n) AT END AHEAD ON STATION. EXTEND STRAIGHT STRANDS (n+1) THROUGH (2n) AT END BACK ON STATION

ALTERNATE #2

STRAND EXTENSION DETAIL

TOTAL NUMBER OF EXTENDED STRANDS =

Number of extended strands shall be determined by the designer.

5.6-A17-4

SHEET NO. 5.6-A17-4

Bridge Design Engr.	M:\STANDARDS\Girders\Trapezoidal Tub\SIP TRAPEZOIDAL TUB 4.MAN	REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
Supervisor		10	WASH.			
Designed By		JOB NUMBER				
Checked By						
Detailed By						
Bridge Projects Engr.						
Prelim. Plan By						
Architect/Specialist	DATE	REVISION	BY	APPD		

BRIDGE AND STRUCTURES OFFICE



STANDARD PRESTRESSED CONCRETE GIRDERS

TRAPEZOIDAL TUB S-I-P DECK  
PANEL GIRDER - DETAILS 4 OF 4

BRIDGE SHEET NO. OF SHEETS